

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A Raman amplification pump module for outputting pump light for Raman-amplification of signal light propagating through an optical waveguide path, said module comprising:

a light source system for emitting light having two or more different output peak wavelengths; and

a nonlinear medium having an input port and an output port, wherein

said light source system comprises two or more light sources for emitting light having different wavelengths and an optical multiplexer for multiplexing light from said light sources and outputting the multiplexed light, [[and]]

said nonlinear medium affording nonlinear effect on light emitted from said light source system and input from the input port, and outputting the resultant light as pump light from the output port, and

at least one of said light sources being a high-output laser for outputting power capable of causing optical parametric effect.

2. (Cancelled)

3. (Original) A Raman amplification pump module according to claim 1, wherein said light source system comprises:

two or more light sources for emitting light having different wavelengths; and

an optical multiplexer for multiplexing light from the light sources and outputting the multiplexed light,

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